

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Takaiwa et al.	)	
			)	
Serial No.	:	10/554,308	)	Examiner:
			)	To Be Assigned
Cnfrm. No.	:	To Be Assigned	)	
			)	
Filed	:	April 23, 2004	)	Art Unit:
			)	To Be Assigned
For	:	METHOD OF ACCUMULATING	)	
		ALLERGEN-SPECIFIC T CELL ANTIGEN	)	
		DETERMINANT IN PLANT AND PLANT	)	
		HAVING THE ANTIGEN DETERMINANT	)	
		ACCUMULATED THEREIN	)	

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98

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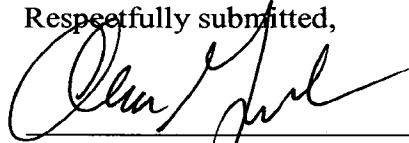
Dear Sir:

In compliance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants hereby bring to the attention of the United States Patent and Trademark Office the references listed on the PTO/SB/08 form enclosed herewith.

Some of the listed references (i.e., Reference Cite Nos. 5 and 8-10) were included in the International Search Report (copy enclosed) of the corresponding PCT application. These references are relevant for the reasons given in the International Search Report. Because copies of the PCT references should have been transferred by the International Searching Authority, copies of those references are not enclosed herewith. Copies of all the other cited references (i.e., Reference Cite Nos. 1-4, 6, 7, and 11) are enclosed herewith.

Pursuant to 37 CFR § 1.97(b)(3), no fee is required. Should it be determined that a fee is required, the Commissioner is authorized to charge any additional fee to Deposit Account No. 14-1138.

Respectfully submitted,



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Date: May 11, 2006

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/554,308
				Filing Date	April 23, 2004
				First Named Inventor	Takaiwa et al.
				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	1	of	1	Attorney Docket Number	201487/1160
<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
/C.K.W./	1	HIRAHARA et al., "Oral Administration of a Dominant T-Cell Determinant Peptide Inhibits Allergen-Specific T <sub>H1</sub> and T <sub>H2</sub> Cell Responses in Cry j 2-Primed Mice," <i>J. Allergy Clin. Immunol.</i> 102:961-967 (1998)			
	2	HIRAHARA et al., "Preclinical Evaluation of an Immunotherapeutic Peptide Comprising 7 T-Cell Determinants of Cry j 1 and Cry j 2, the Major Japanese Cedar Pollen Allergens," <i>J. Allergy Clin. Immunol.</i> 108(1):94-100 (2001)			
	3	OKADA et al., "Accumulation of Japanese Cedar Pollen Allergen, Cry j 1, in the Protein Body I of Transgenic Rice Seeds Using the Promoter and Signal Sequence of Glutelin GluB-1 Gene," <i>Mol. Breeding</i> 12:61-70 (2003)			
	4	SAITO et al., "Identification of T Cell Determinants in Cry j 1 and Cry j 2 of Size Suitable for Peptide Immunotherapy Against Japanese Cedar Pollinosis," <i>Annu. Rep. Sankyo Res. Lab.</i> 52:49-58 (2000)			
	5	SAITO et al., "Sugi Kafun Allergen o Hatsugen shita Kumikae Ine o Mochiita Men'eki Ryoho," <i>Japanese Society for Immunology Sokai · Gakujutsu Sokai Kiroku</i> 32:100 (1-G-W14-3-O/P) (2002)			
	6	SONE et al., "T Cell Epitopes in Japanese Cedar ( <i>Cryptomeria japonica</i> ) Pollen Allergens: Choice of Major T Cell Epitopes in Cry j 1 and Cry j 2 Toward Design of the Peptide-Based Immunotherapeutics for the Management of Japanese Cedar Pollinosis," <i>J. Immunol.</i> 161(1):448-457 (1998)			
	7	TADA et al., "Foreign Gene Products Can Be Enhanced by Introduction Into Low Storage Protein Mutants," <i>Plant Biotechnol. J.</i> 1:411-422 (2003)			
	8	TANAKA, N., "Sugi Kafun Chiryomai Kyukyoku no 'Taberudake' Ryoho," <i>Nikkei Business</i> 1180:120-122 (2003)			
	9	UTSUMI et al., "Daizu Tanpakushitsu o Fukumu Atarashii Kome" "Mamehikari," <i>Kagaku to Seibutsu</i> 39(3):193-199 (2001)			
	10	XU et al., "Combined Use of Regulatory Elements Within the cDNA to Increase the Production of a Soluble Mouse Single-Chain Antibody, scFV, from Tobacco Cell Suspension Cultures," <i>Protein Expr. Purif.</i> 24(3):384-394 (2002)			
/C.K.W./		YOSHITOMI et al., "Three T-Cell Determinants of Cry j 1 and Cry j 2, the Major Japanese Cedar Pollen Antigens, Retain Their Immunogenicity and Tolerogenicity in a Linked Peptide," <i>Immunology</i> 107:517-522 (2002)			

Examiner Signature	/Cathy K. Worley/	Date Considered	01/05/2009
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.